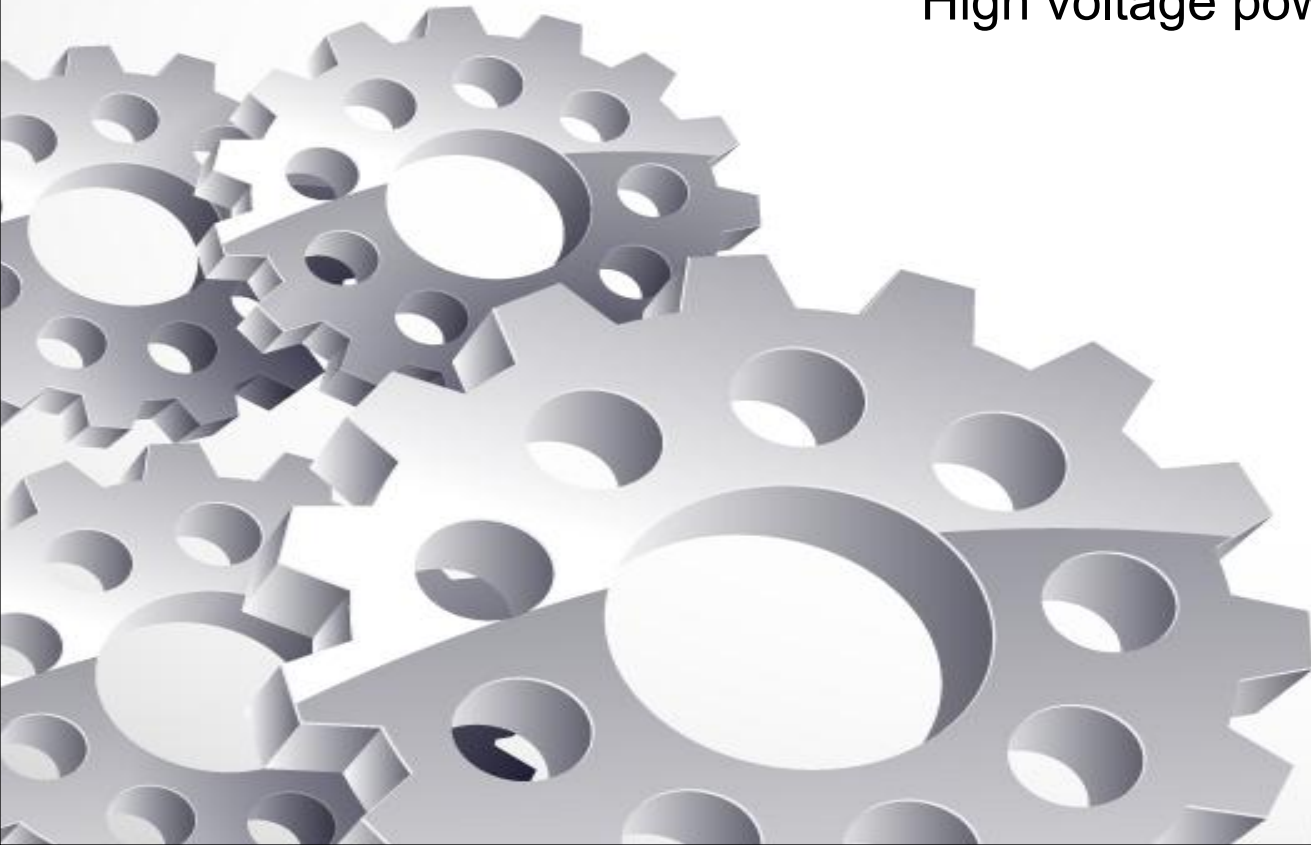




PRECISE TECHNOLOGY

POWERTRAIN KIT SOLUTION IN EV IT'S TIME TO BE MORE

High voltage powertrain solution & Customization is also available..

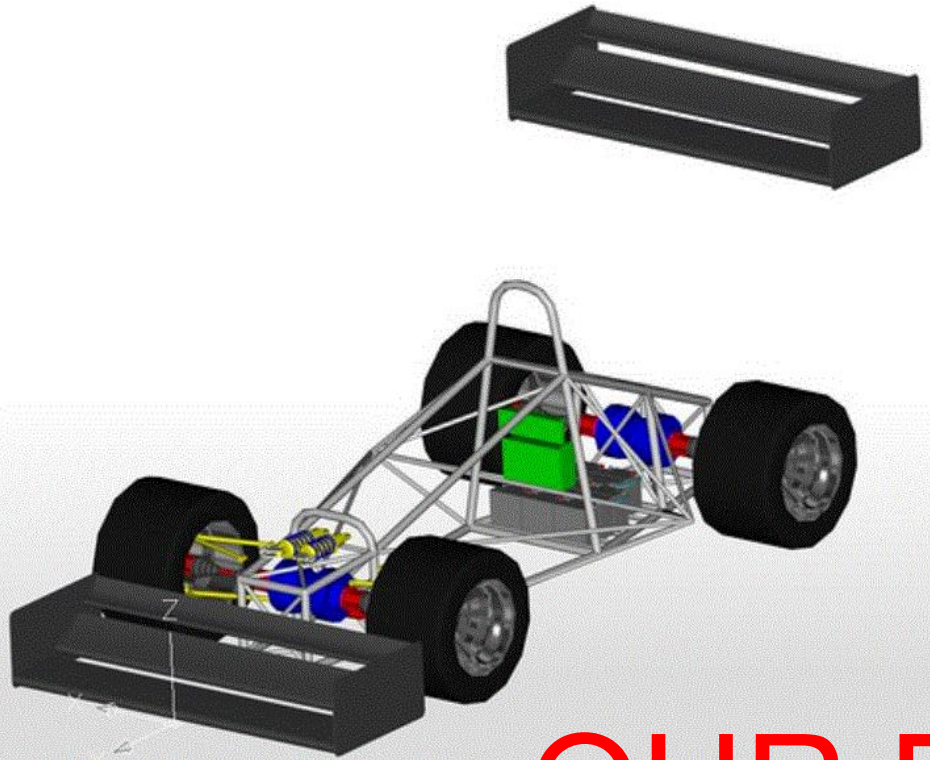


INTEGRATED KIT SOLUTION

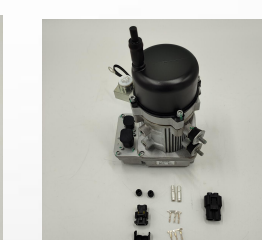
USES APPLICATION...

- **DIY PROJECTS**
- **SUPRA COMPETITION**
- **BAJA COMPETITION**
- **FORMULA BHARAT**





OUR PRODUCTS RANGE

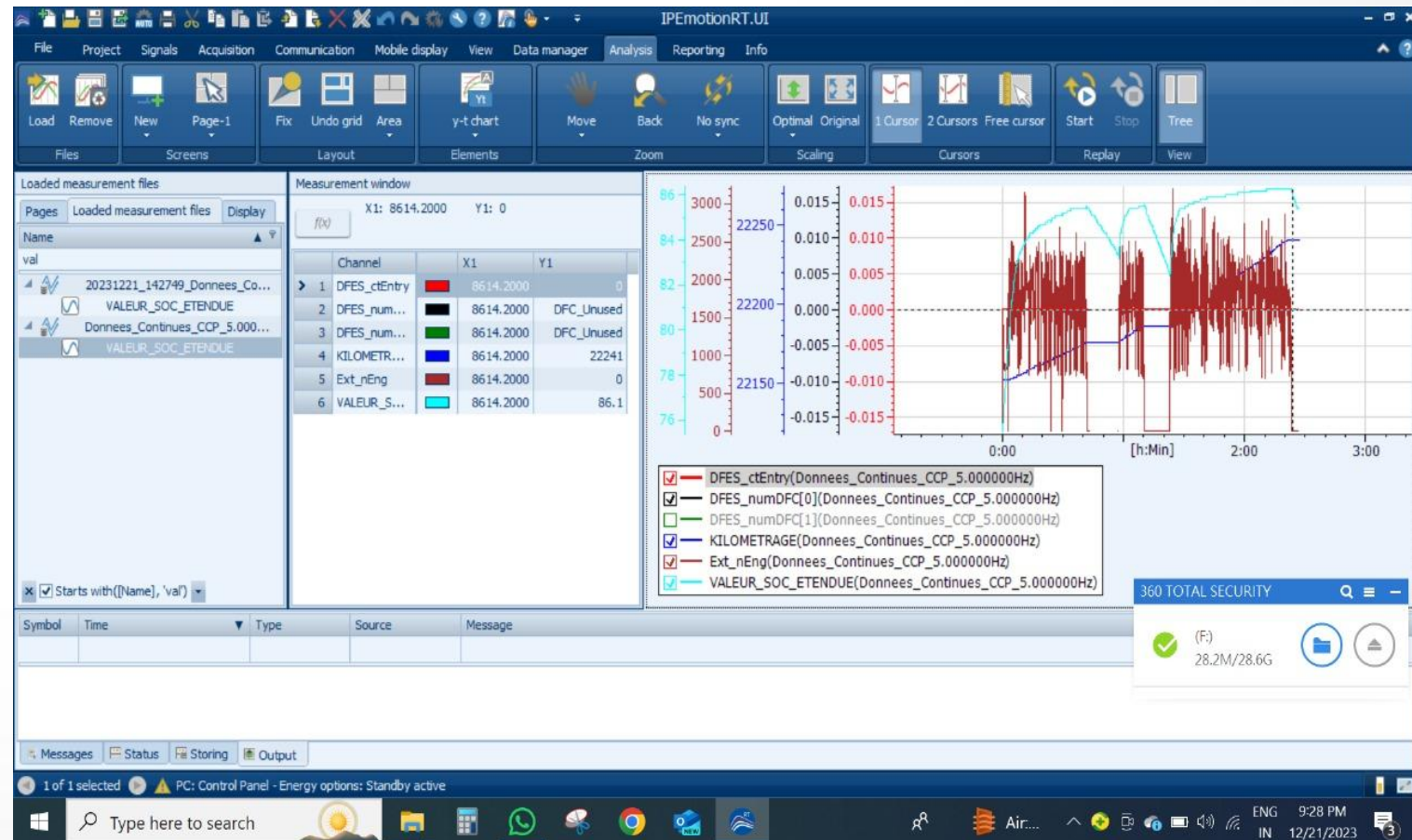


ENGINEERING SUPPORT

- Vehicle Development
- Testing & Validation
- PRE T.I Test services
- RLDA DATA Analysis & Validation
- Vehicle Test on AIS Parameters
- Provide Hands on Training
- Business Development Support
- Dealer Development Support in INTERNATIONAL COUNTRIES

EV Power-train solutions for..

- CARS
- TRUCK
- BUSES
- DIY PROJECTS
- AGRICULTURE MACHINES
- MOTORSPORT CARS





PRECISE TECHNOLOGY

A Trusted Name in Customized Measuring Equipment's and Instruments

Product of **EV SOLUTION**

Manufacturing & Testing Facility



Company has high level automation production lines, professional management of SAP system, and comprehensive quality identification traceability system, the technical team focus on new energy lithium battery research more than 6 years. The company has passed ISO 9001:2015 quality management system certification, and the products meet the requirements of domestic and foreign industry testing, such as IEC62619, GB/T and other technical requirements. Battery model a variety of the company, including more and more series of lithium battery (12V / 24V / 36V, 48V / 60V / 72V / 96V / 120V / 180V / 240V / 300V / 360V / 480V / 600V) such as multiple voltage capacity of various types. There are many application fields, including electric two-wheeler vehicles / tricycles / quadra cycles / patrol vehicles / forklifts and other low-speed vehicle lithium batteries, robots / sweeper / balancing vehicles and other batteries, garden tools batteries, solar energy etc.



Sold Cell and BMS Models

Platform	Brand	Capacity (Ah)	Dimensions (in mm)	Nominal Voltage	Max continuous charging Current	Max continuous Discharging Current	Life Cycle (at 25deg)
Cylindrical	BAK	2.25	18 X 65	3.7	1C	3C	800
Cylindrical	CHAM	2.9	18 X 65	3.7	1C	3C	800
Cylindrical	DMEGC	2.6	18 X 65	3.7	1C	3C	800
Cylindrical	HLY	2.6	18 X 65	3.7	1C	3C	800
Cylindrical	HX Solar	5	26 X 65	3.7	1C	3C	1500
Cylindrical	HX EV	6	32 X 70	3.2	0.5C	1C	2500
Cylindrical	FB Tech Solar	6	32 X 70	3.2	1C	3C	2500
Cylindrical	FB TECH EV	6	32 X 70	3.2	0.5C	1C	2500
Prismatic	REPT	50	149 X 39 X 96	3.2	1C	3C	2500
Prismatic	CALB	72	135 X 30 X 220	3.2	1C	3C	2500
Prismatic	Gengfeng	86	174 X 48 X 32	3.2	1C	3C	2500
Prismatic	Howel	80	175 X48 X 35	3.2	1C	3C	2500
Prismatic	Highstar	100	130 X 40 X 213	3.2	1C	3C	2500
Prismatic	NARADA	100	131 X 36 X 200	3.2	1C	3C	2500
Prismatic	EVE	105	131 X 36 X 200	3.2	1C	3C	2500

Two wheeler and Three wheeler Product Series

Application Scenarios: Electric two wheelers, Three-wheelers, Low speed Four-wheelers, New national standard electric vehicles, etc.

Two Wheeler
Battery



NMC Series



Serial Number	LI-48_24
Parameter	48v 24Ah
Capacity	1152 watt
Max Dis. current	16 A
Battery Life	800 cycles
Battery Size	XXX



Serial Number	LI-48_30
Parameter	48V 30Ah
Capacity	1440 watt
Max Dis. current	20A
Battery Life	800 cycles
Battery Size	Serial Number

NMC Series



Serial Number	LI-60_24
Parameter	60v 24Ah
Capacity	1440 watt
Max Dis. current	16 A
Battery Life	800 cycles
Battery Size	Serial Number



Serial Number	LI-60_30
Parameter	60v 30Ah
Capacity	1800 watt
Max Dis. current	20 A
Battery Life	800 cycles
Battery Size	Serial Number

NMC Series



Serial Number	LI-60_36
Parameter	60v 36Ah
Capacity	2160 watt
Max Dis. current	25 A
Battery Life	800 cycles
Battery Size	Serial Number



Serial Number	LI-72_30
Parameter	72v 30Ah
Capacity	2160 watt
Max Dis. current	20A
Battery Life	800 cycles
Battery Size	Serial Number

NMC Series



Serial Number	LI-72_36
Parameter	72v 36Ah
Capacity	2592 watt
Max Dis. current	25 A
Battery Life	800 cycles
Battery Size	Serial Number



Serial Number	Serial LI-72_45
Parameter	72v 45Ah
Capacity	3240 watt
Max Dis. current	40 A
Battery Life	800 cycles
Battery Size	Serial Number



Low speed electric four-wheeler series battery pack

Technical Parameter and its description

Four Wheeler Battery

Lithium iron phosphate

- 24v
- 48v
- 60v
- 72v
- 80v series
- (more can be customizable)



Low speed Electric Vehicle series power lithium battery system		
Range of application	Large, medium and small types of low-speed electric four-wheeler battery and equipment power supply	
Cell type	Power type lithium iron phosphate batteries, cylindrical, rectangular (optional) cathode material: LiFePO ₄ Li lithium iron	
Nominal voltage	25.6V/51.2V/64V/76.8V/80V/96V(optional)	
Rated capacity	100Ah – 800Ah(optional)	
Discharge Rate	Nominal discharge rate	1C
BMS main function	Instantaneous maximum discharge	3C
Operating temperature	Voltage, power accurate measurement, charge and discharge and multiple protection control, automatic charging, CAN/485 communication, etc. GPS/ Data Monitoring (optional)	
Recharge	Discharge: -20°C – 60°C; Charging: -5°C – 45°C	
Application	Standard, charging current optional	

Sanitation Vehicels

Lithium Ion Battery pack :
24v/36v/48v/60v/72v etc.



Technical Parameter and its description

Low speed Electric Vehicle series power lithium battery system		
Range of application	Large, medium and small types of sanitation electric vehicle batter and equipment power supply	
Cell type	Power type lithium batteries, cylindrical, rectangular (optional) cathode material: Lithium Iron Phosphate, Lithium Ion	
Nominal voltage	25.6V/51.2V/64V/76.8V and above (optional)	
Rated capacity	12Ah ~ 400Ah(optional)	
Discharge Rate	Nominal discharge rate	1C
BMS main function	Instantaneous maximum discharge	3C
Operating temperature	Voltage, power accurate measurement, charge and discharge and multiple protection control, automatic charging, CAN/485 communication, etc. GPS/ Data Monitoring (optional)	
Recharge	Discharge: -20°C ~ 60°C; Charging: -5°C ~ 45°C	
Application	Standard, charging current optional	

Technical Parameter and its description

Electric Forklifts



Low speed Electric Vehicle series power lithium battery system		
Range of application	Pallet type, counterweight type, forward electric forklift truck and other types of electric industrial vehicles (front end matching rear end reform)	
Cell type	The high ratio of lithium iron phosphate batteries, prismatic, cylindrical material (optional): iFePO_4	
Nominal voltage	25.6V, 51.2v, 76.8v, 80v	
Rated capacity	200Ah ~ 600Ah(optional)	
Discharge Rate	Nominal discharge rate	1C
BMS main function	Instantaneous maximum discharge	3C
Operating temperature	Accurate power measurement, SOC accurate estimation, charge-discharge and multi-protection control, multi-mode charging, CAN and Rs485 communication, automatic alarm, etc.	
Recharge	Discharge: $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$; Charging: $-5^{\circ}\text{C} \sim 45^{\circ}\text{C}$	
Application	Standard/customized	

Photovoltaic SOLAR/Energy Storage Series



Photovoltaic (SOLAR) + Energy Storage

Range of application	Home, Industrial, Fire system Backup; Skynet communication power supply
Rated Input Voltage	AC 220V/50Hz, PV DC input (customized)
Rated Output Voltage	DC 9~99V, AC 110/220V (customized)
Rated Output Energy	Make on demand
Main function	Field and home photovoltaic energy storage; Off-grid integration. Power failure detection auto switching power supply, ultra-low self-power consumption, intelligent control such as battery charge and discharge and thermal management, high-precision SOC estimation and SOH prediction, perfect multi-protection work, human-computer interaction and remote information management, charge and discharge integration.
Operating environment	-20 degC ~ 60 degC
Operating humidity	5 % ~ 95 %

Customized emergency backup battery series



Intelligent emergency backup power supply	
Range of application	Communication base station, fire control system, emergency communication system, cloud information center and other fields
Rated Input Voltage	AC 220V/50Hz
Rated Output Voltage	DC 12V/24V/48V (Customizable)
Rated Output Energy	0.5Kwh ~ 500Kwh
Main function	Intelligent unattended, power failure detection automatic fast switching power supply, ultra-low self power consumption, intelligent control such as battery charge and discharge and thermal management, high-precision SOC estimation and SOH prediction, perfect multi protection work, human-computer interaction and remote information management, charge and discharge integration.
Operating environment	-20 degC ~ 60 degC
Operating humidity	5 % ~ 95 %

Other application areas

Application scenarios: Battery swapping station, battery rentals, etc



Other application areas

Application scenarios: 12V household, outdoor emergency power supply, inverter integrated lithium power supply.

